

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**LISTING OF CLAIMS:**

1. (Currently Amended) A regime or regimen as defined by Claim 27, wherein said (i) ~~at least one hydrolase polypeptide having amidase activity selected from the group consisting of aspartylglucosaminidase (AGA), glutaminase, amidase, urease, aminoacylase, aspartoacylase, ceramidase, peptidyl-glutaminase, formamidase and pentanamidase, and, optionally,~~ said (ii) at least one activator of said at least one hydrolase polypeptide (i) compound which stimulates the activity of aspartylglucosaminidase (AGA), are formulated into (iii) a topically applicable, physiologically acceptable medium therefor to form a topically applicable cosmetic/dermatological composition which is applied to said skin.

2-8. (Cancelled)

9. (Currently Amended) The regime or regimen as defined by Claim 1, wherein said ~~at least one hydrolase polypeptide having amidase activity~~ aspartylglucosaminidase (AGA) comprises from  $10^{-6}$  to 5% by weight of the composition.

10. (Currently Amended) The regime or regimen as defined by Claim 1, wherein said ~~at least one hydrolase polypeptide having amidase activity~~

aspartylglucosaminidase (AGA) comprises from  $10^{-4}$  to 1% by weight of the composition.

11. (Currently Amended) The regime or regimen as defined by Claim 1, wherein said ~~at least one hydrolase polypeptide having amidase activity~~aspartylglucosaminidase (AGA) comprises from 0.001% to 0.1% by weight of the composition.

12. (Cancelled)

13. (Currently Amended) The regime or regimen as defined by Claim 1, wherein said ~~activator~~compound which stimulates the activity of aspartylglucosaminidase (AGA) comprises from 0.01% to 50% by weight of the composition.

14. (Currently Amended) The regime or regimen as defined by Claim 13, wherein said ~~activator~~compound which stimulates the activity of aspartylglucosaminidase (AGA) comprises from 0.1% to 1% by weight of the composition.

15. (Cancelled)

16. (Previously Presented) The regime or regimen as defined by Claim 1, wherein said composition further comprises at least one other desquamating agent.

17. (Currently Amended) The regime or regimen as defined by Claim 16, wherein said composition further comprises at least one  $\beta$ -hydroxy acid;  $\alpha$ -hydroxy acid;  $\alpha$ - or  $\beta$ -keto acid; urea; gentisic acid; ~~oligofucoses~~oligofucose; cinnamic acid; Saphora japonica extract; resveratrol or derivative thereof; glycosidase, *stratum corneum* chymotryptic enzyme (SCCE) or other serine or cysteine protease; chelating agent; aminosulphonic compound; sugar derivative; reducing agent and/or retinoid.

18.-20. (Cancelled)

21. (Previously Presented) The regime or regimen as defined by Claim 1, wherein said composition further comprises at least one moisturizing agent; propigmenting agent; agent stimulating the synthesis of dermal or epidermal macromolecules and/or preventing the degradation thereof; agent stimulating the proliferation or differentiation of keratinocytes; relaxing agent; antipollution and/or anti-free radical agent; UV-screening agent; permeating agent; or cicatrizing agent.

22.-23. (Cancelled)

24. (Currently Amended) A regime or regimen as defined by Claim 27 for promoting desquamation of the skin and/or for promoting hydration of the skin and for thus treating hyperkeratosis, xerosis, ichthyosis, psoriasis or reactive keratosis, comprising topically applying onto the skin of an individual in need of such treatment, a thus effective amount~~amounts~~ of (i) ~~at least one hydrolase polypeptide having amidase activity selected from the group consisting of aspartylglucosaminidase~~

(AGA), ~~glutaminase, amidase, urease, aminoacylase, aspartoacylase, ceramidase, peptidyl-glutaminase, formamidase and pentanamidase,~~ and, optionally, (ii) at least one activator of said at least one hydrolase polypeptide ~~(i) compound which stimulates the activity of aspartylglucosaminidase (AGA).~~

25. (Currently Amended) A regime or regimen as defined by Claim 27 for promoting desquamation of the skin and/or for promoting hydration of the skin and for thus promoting cicatrization, comprising topically applying onto the skin of an individual in need of such treatment, a thus effective amounts amount of (i) ~~at least one hydrolase polypeptide having amidase activity selected from the group consisting of aspartylglucosaminidase (AGA), glutaminase, amidase, urease, aminoacylase, aspartolacylase, ceramidase, peptidyl-glutaminase, formamidase and pentanamidase,~~ and, optionally, (ii) at least one activator of said at least one hydrolase polypeptide (i) compound which stimulates the activity of aspartylglucosaminidase (AGA).

26. (Cancelled)

27. (Currently Amended) A regime or regimen for promoting desquamation of the skin and/or for promoting hydration of the skin of an individual in need of such treatment, comprising topically applying thereon a thus effective amounts amount of (i) ~~at least one hydrolase polypeptide having amidase activity selected from the group consisting of aspartylglucosaminidase (AGA), glutaminase, amidase, urease, aminoacylase, aspartolacylase, ceramidase, peptidyl-glutaminase, formamidase and~~

~~pentanamidase, and, optionally, (ii) at least one activator of said at least one hydrolase polypeptide (i) compound which stimulates the activity of aspartylglucosaminidase (AGA).~~

28. (Currently Amended) A regime or regimen as defined by Claim 27 for promoting desquamation of the skin and/or for promoting hydration of the skin and for thus facilitating the penetration into the skin of a cosmetic/dermatological active agent, comprising topically applying onto the skin of an individual in need of such treatment a thus effective amounts amount of (i) ~~at least one hydrolase polypeptide having amidase activity selected from the group consisting of aspartylglucosaminidase (AGA), glutaminase, amidase, urease, aminoacylase, aspartoacylase, ceramidase, peptidyl-glutaminase, formamidase and pentanamidase, and, optionally, (ii) at least one activator of said at least one hydrolase polypeptide (i) compound which stimulates the activity of aspartylglucosaminidase (AGA).~~

29. (Currently Amended) A regime or regimen as defined by Claim 27 for promoting desquamation of the skin and/or for promoting hydration of the skin and for thus combating bacterial adhesion to the skin, comprising topically applying onto the skin of an individual in need of such treatment, a thus effective amounts amount of (i) ~~at least one hydrolase polypeptide having amidase activity selected from the group consisting of aspartylglucosaminidase (AGA), glutaminase, amidase, urease, aminoacylase, aspartoacylase, ceramidase, peptidyl-glutaminase, formamidase and pentanamidase, and, optionally, (ii) at least one activator of said at least one~~

~~hydrolase polypeptide (i)~~compound which stimulates the activity of  
aspartylglucosaminidase (AGA).

30.-42. (Cancelled)

43. (Currently Amended) The regime or regimen as defined by Claim 27, wherein said at least one ~~activator~~compound which stimulates the activity of aspartylglucosaminidase (AGA) is sodium dodecyl sulfate or sodium lauryl ether sulfate.

44. (Currently Amended) The regime or regimen as defined by Claim 1, wherein said at least one ~~activator~~compound which stimulates the activity of aspartylglucosaminidase (AGA) is sodium dodecyl sulfate or sodium lauryl ether sulfate.

45. (Currently Amended) The regime or regimen as defined by Claim 16, wherein said at least one ~~activator~~compound which stimulates the activity of aspartylglucosaminidase (AGA) is sodium dodecyl sulfate or sodium lauryl ether sulfate.

46. (Currently Amended) The regime or regimen as defined by Claim 17, wherein said at least one ~~activator~~compound which stimulates the activity of aspartylglucosaminidase (AGA) is sodium dodecyl sulfate or sodium lauryl ether sulfate.

47. (Currently Amended) The regime or regimen as defined by Claim 21, wherein said at least one ~~activator~~compound which stimulates the activity of aspartylglucosaminidase (AGA) is sodium dodecyl sulfate or sodium lauryl ether sulfate.

48. (Currently Amended) The regime or regimen as defined by Claim 24, wherein said at least one ~~activator~~compound which stimulates the activity of aspartylglucosaminidase (AGA) is sodium dodecyl sulfate or sodium lauryl ether sulfate.

49. (Currently Amended) The regime or regimen as defined by Claim 25, wherein said at least one ~~activator~~compound which stimulates the activity of aspartylglucosaminidase (AGA) is sodium dodecyl sulfate or sodium lauryl ether sulfate.

50. (Currently Amended) The regime or regimen as defined by Claim 28, wherein said at least one ~~activator~~compound which stimulates the activity of aspartylglucosaminidase (AGA) is sodium dodecyl sulfate or sodium lauryl ether sulfate.

51. (Currently Amended) The regime or regimen as defined by Claim 29, wherein said at least one ~~activator~~compound which stimulates the activity of

aspartylglucosaminidase (AGA) is sodium dodecyl sulfate or sodium lauryl ether sulfate.

52-60. (Cancelled)

61. (New) A regime or regimen for promoting desquamation of the skin and/or for promoting hydration of the skin of an individual in need of such treatment, comprising topically applying thereon a thus effective amount of aspartylglucosaminidase (AGA).

62. (New) A regime or regimen as defined by Claim 61, wherein said aspartylglucosaminidase (AGA) is formulated into a topically applicable, physiologically acceptable medium therefor to form a topically applicable cosmetic/dermatological composition which is applied to said skin.

63. (New) A regime or regimen as defined by Claim 61 for promoting desquamation of the skin and/or for promoting hydration of the skin and for thus treating hyperkeratosis, xerosis, ichthyosis, psoriasis or reactive keratosis, comprising topically applying onto the skin of an individual in need of such treatment, a thus effective amount of aspartylglucosaminidase (AGA).

64. (New) A regime or regimen as defined by Claim 61 for promoting desquamation of the skin and/or for promoting hydration of the skin and for thus promoting cicatrization, comprising topically applying onto the skin of an individual in need of such treatment, a thus effective amount of aspartylglucosaminidase (AGA).



65. (New) A regime or regimen as defined by Claim 61 for promoting desquamation of the skin and/or for promoting hydration of the skin and for thus facilitating the penetration into the skin of a cosmetic/dermatological active agent, comprising topically applying onto the skin of an individual in need of such treatment a thus effective amount of aspartylglucosaminidase (AGA).

66. (New) A regime or regimen as defined by Claim 61 for promoting desquamation of the skin and/or for promoting hydration of the skin and for thus combating bacterial adhesion to the skin, comprising topically applying onto the skin of an individual in need of such treatment, a thus effective amount of aspartylglucosaminidase (AGA).